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| PATENT APPLICATION FEE DETERMINATION RECORD                               |   |                                    |           |               | Application or Docket Number<br><b>W 90270</b> |                               |
|---|---|------------------------------------|-----------|---------------|--|-------------------------------|
| Substitute for Form PTO-875   |   |                                    |           |               |  |                               |
| <b>APPLICATION AS FILED – PART I</b>                                      |   |                                    |           |               |  |                               |
| (Column 1)  |   | (Column 2)                         |           | SMALL ENTITY  |  | OR<br>OTHER THAN SMALL ENTITY |
| FOR   | NUMBER FILED  | NUMBER EXTRA                       | RATE (\$) | FEE (\$)      | RATE (\$)                                      | FEE (\$)                      |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))                                |   |                                    |           |               |  |                               |
| SEARCH FEE<br>(37 CFR 1.16(k), (i), or (m))                               |   |                                    |           |               |  |                               |
| EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q))                          |   |                                    |           |               |  |                               |
| TOTAL CLAIMS<br>(37 CFR 1.16(j))  | minus 20 =  | *                                  | X         | =             | X  | =                             |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))                                    | minus 3 =   | *                                  | X         | =             | X  | =                             |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))                                  | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                                    |           |               |  |                               |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))                         |   |                                    |           |               |  |                               |
| * If the difference in column 1 is less than zero, enter "0" in column 2. |   |                                    |           |               |  |                               |
| TOTAL   |   |                                    | TOTAL     |               | TOTAL  |                               |
| <b>APPLICATION AS AMENDED – PART II</b>                                   |   |                                    |           |               |  |                               |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)    |  | SMALL ENTITY                  |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA |  | OR<br>OTHER THAN SMALL ENTITY |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | RATE (\$)                     |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | ADDITIONAL FEE (\$)           |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |
| Independent<br>(37 CFR 1.16(h))   |   | Minus                              |           | ***           |  | =                             |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |               |  | X                             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |               |  | =                             |
| Total<br>(37 CFR 1.16(j))   |   | Minus                              |           | **            |  | X                             |